Citronix 302-1058-001 is a high contrast, heavy pigment, MEK white ink that is suitable for use on many industrial and packaging materials and is RoHS compliant.

✓ High contrast, heavy pigment, MEK white ink

✓ Suitable for very wide range of substrates

✓ Very fast drying – 1 to 1.5 seconds

✓ Excellent contrast

Applications

This Heavy Pigment MEK White ink has a wider temperature range and better in-printer performance compared to other white inks. It also has lower make up consumption compared to acetone based white inks, is RoHS compliant and is halogen and heavy metal-free by design. It is suitable for printing on to many substrates including aluminium, steel, glass and plastics including ABS, Nylon, Perspex, PET and Polycarbonate.

Ordering & Storage Information

	Part Number	Shelf Life	Storage Temperature	Pack Size
Ink	302-1058-001	12 months	5°C - 35°C (41°F to 95°F)	6 x 750mL bottles
Make Up	302-1059-002	24 months	5°C - 35°C (41°F to 95°F)	6 x 750mL bottles
Cleaning Solvent	300-1005-200	24 months	5°C - 35°C (41°F to 95°F)	4 x 1000mL bottles
Cleaning Swabs	031-1018-001	n/a	Ambient	Pack of 100

*To ensure reliability, warranty and compliance, customers must only use this ink with approved make up and cleaning solvent. Use before expiry date is reached. Samples on customer products/substrates always recommended.

Operating Instructions

This ink should only be used in ci5500/ci5650 Heavy Pigment Printers.

Typical of pigmented fluids, this ink requires an increased level of maintenance, e.g. regular head cleaning and a daily wash-down routine is recommended. High pump wear can also be experienced and should be factored into running costs. In addition to cleaning solvent, you may also need to use lint-free cleaning swabs to mechanically clean the stronger pigmented ink stains.

Note that the warranty for the heavy pigment pump head is 365 days from the date of manufacturer's invoice.

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SDS

Health and Safety

The Safety Data Sheet (SDS) provides all health and safety information and can be downloaded from the following link: http://www.my-sds.co.uk/customers/citronix.aspx

Printer Compatibility

Printer	65 Micron Macro	65 Micron Normal	50 Micron	40 Micron
ci5200				
ci5300				
ci5500 / ci5650 **Standard**				
ci5500 / ci5650 **HS50**				
ci5500 / ci5650 **Micro**				
ci5500 / ci5650 **Pigment**				
ci5500 / ci5650 **Heavy Pigment**	🟢	🟢		

Ink Properties

Parameter	Description
Color	White
Ink Type	Heavy Pigment
Solvent Base	MEK
Dry Time	1 – 1.5 seconds
Operating Temperature	5°C - 45°C (41°F to 113°F)
Operating Humidity	10% - 90% RH non-condensing
Filter Change	12 months 4000 hours

Umbilical Lengths

Umbilical Length	65 Micron Macro	65 Micron Normal	50 Micron	40 Micron
9ft Umbilical	🟢	🟢		
15ft Umbilical	🟢	🟢		
20ft Umbilical				

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Adhesion Properties

● Fail   ● Pass

Material	Rub Test	Tape Test	Scratch Test
Aluminium	● Pass	● Pass	● Pass
Stainless Steel	● Pass	● Pass	● Pass
Tin/Tin Plate		● Pass	
Glass/ Fiberglass	● Pass	● Pass	● Pass
ABS		● Pass	● Pass
Acrylic (Perspex)	● Pass	● Pass	● Pass
Polyamides (Nylons)	● Pass	● Pass	● Pass
Polycarbonates	● Pass	● Pass	● Pass
Polyethylene Terephthalate (PET)	● Pass	● Pass	● Pass
Polyethylene (HDPE)	● Fail	● Pass	● Fail
Polyethylene (LDPE)	● Fail	● Fail	● Fail
Polypropylene	● Fail	● Fail	● Fail
Polystyrene	● Fail	● Pass	● Pass
PVC – Chlorinated or Unchlorinated		● Pass	● Pass
PVC – Plasticised		● Pass	● Pass

* Data contained herein is derived under laboratory conditions and should be used only as a guide.
** Where a Fail/Pass result is not recorded, the material adhesion test has not been performed or is inconclusive

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